

HOUSATONIC RIVER BASIN

01203000 SHEPAUG RIVER NEAR ROXBURY, CT

LOCATION.--Lat 41°32'59", long 73°19'49", Litchfield County, Hydrologic Unit 01100005, on right bank at downstream side of Wellers Bridge 0.5 mi south of Roxbury Station, 1.2 mi southwest of village of Roxbury, and 2.4 mi upstream from Jacks Brook.

DRAINAGE AREA.--132 mi².

PERIOD of RECORD.--Water years 1953-54, 1959, 1974 to current year.

PERIOD of DAILY RECORD.--

WATER TEMPERATURES: October 1958 to September 1959.

REMARKS.--Records of daily discharge from October 1930 to September 1971 in reports of the U.S. Geological Survey.

EXTREMES FOR PERIOD of DAILY RECORD.--

WATER TEMPERATURES: Maximum, 25.0°C Aug. 17, 1959; minimum, 0.0°C Dec. 14, 1958.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV 14...	1045	29	156	7.2	12.0	3.0	.70	14.2	106	32	22	52	12.7
JAN 14...	1025	72	162	7.2	16.5	.5	.74	15.2	106	84	56k	51	12.5
MAR 25...	1440	190	131	7.1	7.5	5.0	1.9	13.4	106	6k	7k	41	9.74
MAY 29...	1415	195	124	8.4	27.0	19.0	1.4	9.6	104	28	11k	41	9.90
JUN 26...	1300	120	132	8.7	26.0	24.0	1.1	9.5	114	36	29	41	9.83
JUL 17...	0900	31	145	7.4	26.0	21.0	1.8	8.8	99	92	144	48	11.6
AUG 28...	1230	15	148	7.9	21.0	21.5	1.5	9.7	99	68	62	47	11.4
SEP 11...	1015	20	152	7.8	23.5	22.0	1.6	8.8	104	88	88	51	12.6

Date	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	CARBONATE WATER FIELD (MG/L AS CO3) (00452)	BICARBONATE WATER FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT TOT (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
NOV 14...	4.94	8.73	1.83	0	50	42	9.3	14.1	E.1	.90	84	80	<.008
JAN 14...	4.88	9.57	1.81	0	45	37	9.1	17.8	E.1	4.86	92	94	.008
MAR 25...	4.11	6.80	1.31	0	33	27	8.8	11.6	<.1	3.61	74	90	<.008
MAY 29...	4.02	6.99	1.20	0	40	33	7.5	10.8	<.1	3.65	66	69	<.008
JUN 26...	4.01	6.75	1.25	0	46	38	6.9	11.5	<.1	3.65	75	75	<.008
JUL 17...	4.58	8.18	1.55	0	52	43	7.0	12.5	E.07n	1.40	84	78	<.008
AUG 28...	4.52	8.23	1.84	0	49	40	7.5	12.1	E.07n	1.54	82	72	<.008
SEP 11...	4.76	8.50	1.89	0	52	43	8.1	12.7	E.1n	1.93	83	79	<.008

Date	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITROGEN, TOTAL (MG/L AS N) (00600)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTIMONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYLLIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
NOV 14...	.35	<.04	.19	.13	.54	.007	E.004	<.02	2	E.03	11	<.06	<.04
JAN 14...	.66	E.02	.24	.21	.90	.042	.041	.03	3	E.04	12	<.06	<.04
MAR 25...	.15	<.04	.25	.19	.40	.025	.011	<.02	13	.09	10	<.06	<.04
MAY 29...	.13	<.04	.32	.22	.45	.033	.018	<.02	18	E.03	10	<.06	<.04
JUN 26...	.06	<.04	.30	.21	.37	.024	.015	<.02	23	.07	10	<.06	<.04
JUL 17...	.09	<.04	.34	.26	.43	.030	.017	<.02	11	E.04	12	<.06	E.02
AUG 28...	.17	<.04	.28	.25	.46	.031	.023	E.01	29	E.04	10	<.06	<.04
SEP 11...	.26	<.04	.27	.23	.53	.033	.024	E.01	22	E.04	11	<.06	<.04

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV												
14...	<.8	.06	.7	30	E.04	4.6	E.2	.30	<1	2	.12	2.6
JAN												
14...	<.8	.05	.9	59	.09	4.6	E.2	.38	<1	2	.12	3.0
MAR												
25...	E.5	.06	1.0	59	.08	9.3	E.2	.31	<1	1	.15	3.8
MAY												
29...	<.8	.06	.9	78	.08	9.1	<.2	.21	<1	1	.13	4.7
JUN												
26...	<.8	.06	1.1	66	E.07	8.3	.8	.24	<1	1	.15	4.2
JUL												
17...	<.8	.11	1.1	56	E.05	19.3	E.2	.68	<1	1	.12	4.0
AUG												
28...	<.8	.11	1.8	107	.11	13.0	.5	.47	<1	1	.17	3.4
SEP												
11...	<.8	.09	1.2	84	.08	12.3	.3	.70	<1	<1	.14	3.7

Value qualifier codes used in this report:
k -- Counts outside acceptable range
n -- Below the NDV